

MICHAEL P. BROWN

(b) (6)

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SUMMARY

Twenty-eight years of management and service with a focus on environmental sustainability and a demonstrated track record of leadership and innovative problem solving.

SKILLS

Environmental sustainability initiatives development and management, natural resource conservation, human resources, financial management and budgeting, fundraising, outreach, marketing and social media, proposal writing, reporting, grant writing, public relations, contract negotiation, group facilitation, geospatial technologies, WordPress CMS/website construction, and CRM database management.

CURRENT EXPERIENCE

Executive Director

November 2007-present

Ecology Action Center, Normal, Illinois

- Initiated community-wide climate-change initiatives in central Illinois: two greenhouse gas emissions inventories, current collaborative clean-air planning effort, and Tree Corps, a massive carbon sequestration initiative planting over **10,000 trees a year** locally.
- Improved financial and human resources significantly:
 - Increased overall organization funding by **290%**
 - Expanded program areas to address growing environmental needs, doubling staffing levels
 - Grew combined annual giving, commercial sponsorships, and other contributions by **825%**
- Developed unique and highly successful public-private partnership to address gaps in household hazardous waste collection.
- Secured resources to attract and retain qualified workforce, offering health care insurance for the first time in the organization's history.
- Boosted outreach efforts using traditional media and social media to improve total interactions by over **2500%**.
- Directed effective initiatives resulting in multiple recognitions for the organization including McLean County Chamber of Commerce Green Excellence Award, McLean County Chamber of Commerce Nonprofit Excellence Award (first-ever organizational recipient of two business excellence awards from the Chamber), the Illinois Recycling Association's Special Recycling Project Award, and an honorable mention by the Illinois Sustainable Technology Center.
- Led multiple governmental committees including two terms as Chair of the McLean County Greenways Advisory Committee and ongoing role coordinating the McLean County Solid Waste Technical Committee.
- Evaluated programs and streamlined for maximum efficiency, for example terminated several public programs and smoothly transferred McLean County radon program to another local nonprofit.
- Negotiated 18 service agreements, each with multiple local governmental entities.
- Facilitated two-and-half year collaborative process with:
 - Over 100 stakeholders to develop assertive new 20-year solid waste management plan
 - **99.9% positive public feedback** received through nearly 3,000 submitted comments
 - Formal acceptance and approval given by three local governments

PAST EXPERIENCE

Sanitarian

January 2005-November 2007

Peoria City/County Health Department-Environmental Health Division, Peoria, Illinois

- Coordinated Non-Community Public Water Supply (NCPWS) program for Peoria County; program reviewed by Illinois Department of Public Health with a **100% rating**.
- Created Peoria County's first program for GIS mapping of environmental health program data.
- Safeguarded public health through effective education, enforcement, and investigation.

Manager

August 2000—December 2004

W. H. Sommer Park, Peoria Park District, Peoria, Illinois

- Coordinated environmental, historical, and recreational programs and special events for audiences of 5 to **20,000**.
- Hired, trained, and supervised staff of 30 seasonal employees in addition to 100 volunteers contributing 1,700 volunteer hours annually.
- Administered annual budget and managed 320-acre park.
- Negotiated donation of antique tool collection worth approximately \$100,000 for living history site.

EcoWatch Trainer/AmeriCorps Member

September 1999—July 2000

Illinois EcoWatch Network, Illinois Department of Natural Resources, Chicago region, Illinois

- Recruited volunteers from 9 counties for forest, stream, and prairie monitoring programs.
- Trained volunteers in forest and prairie monitoring techniques.
- Produced engaging quarterly regional newsletter promoting program activities.

Peace Corps Volunteer - Environmental Management

June 1997—August 1999

Pirin National Park, Bansko, Bulgaria

- Managed population survey of threatened Balkan Chamois (Bulgarian Red Book & IUCN Red List species).
- Authored and received 100% of USAID grant proposal.
- Produced newsletter to stimulate communication among government conservation agencies.
- Co-developed and translated promotional materials including park brochure and website.
- Presented environmental education programs for school groups.

EDUCATION AND TRAINING

- Geospatial Technologies Certificate, Illinois Central College, May 2008
- 21st Century Leadership Series, Illinois Central College Professional Development Institute, 2001
- Bachelor of Arts, Biological Sciences, Southern Illinois University at Carbondale, 1994

COMMUNITY SERVICE

- McLean County Medical Reserve Corps Volunteer March 2020-present
- Bloomington-Normal Chapter NAACP, Environment & Climate Justice Committee, June 2020-present
- ISU Center for Community Engagement & Service Learning Community Consulting Board, 2018-2020
- ParkLands Foundation
 - IT Committee Chair 2018-2019
 - Board Member 2010-2019
 - Stewardship Chair 2010-2019
 - Executive Committee 2010-2019
- McLean County Greenways Advisory Committee
 - Committee Chair 2010-2014, 2017-2019
 - Goals and Objectives Subcommittee Chair 2019-present
- Illinois Recycling Association Board Member May 2010-June 2013
- Illinois Valley Blacksmith Association
 - Websmith 2006-2014
 - Workshop Co-coordinator in partnership with Sun Foundation 2007-2008
- Peoria Wilds, not-for-profit
 - Board President April 2005-April 2010
 - Volunteer Site Steward 1994-1997, 2000-2010
 - Board Member April 2001-2005, June 2021-present
- American Red Cross Blood Donor 1990-present

RECOGNITIONS

- 2015 Inaugural Alumnus of the Last Decade, Illinois Central College
- 2014 McLean County Public Health Award, McLean County Health Department
- 2013 President's Award, Illinois Recycling Association
- 2006 Forty Leaders Under Forty, Peoria InterBusiness Issues Magazine



SERVING COMMUNITY, PROMOTING SUSTAINABILITY

RILEY FRANCIS

CONTACT ME

Pronouns : (she/her/hers)

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PERSONAL PROFILE

A servant leader with a passion for helping people and planet hand-in-hand. When not working, can be found volunteering within the community, dancing, riding her bike, or reading.

PROFESSIONAL SKILLS

- Greenhouse gas reporting experience (4+ years)
- Database management experience (Podio, Basecamp)
- Drone photography experience
- Event planning experience
- Adobe Creative Suite experience
- Digital marketing experience
- Email marketing experience (MailChimp, Constant Contact)
- Social media engagement experience (Hootsuite)
- B Corp reporting experience

PERSONAL SKILLS

- Creates and maintains satisfied working relationships
- Servant leader
- Ability to work flexible hours
- Enjoys working with the community
- Active listener
- Effective communicator
- Creative thinker
- Brings enthusiasm and energy

WORK EXPERIENCE

PROGRAM COORDINATOR

Ecology Action Center | September 2021 – Present

- Advises McLean County residents on proper waste disposal
- Educates elementary school students on water pollution and recycling
- Reports county-wide emissions in community greenhouse gas report

SOLAR COACH

StraightUp Solar | May 2019 – September 2021

- Reports company B Corp initiatives and maintains certification
- Tracks and analyzes company emissions through greenhouse gas report
- Coordinates carbon emissions offsets, including purchasing carbon credits

EDUCATION HISTORY

EUREKA COLLEGE

Bachelor of Science, Cum Laude – Environmental Science, 2019

- Attended on a full-tuition scholarship from the Reagan Fellowship Program, selected on academic and leadership qualities
- Completed the baseline greenhouse gas inventory for the College
- Submitted research and presented at the Association for the Advancement of Sustainability in Higher Education Conference 2018

COMMUNITY INVOLVEMENT

Resident Advisor at Heart House Women and Children's Shelter

- Manages the shelter overnight and over weekends independently
- Creates a safe, comfortable space for those seeking emergency shelter
- Finds solutions to problems in high pressure situations

McLean County Court Appointed Special Advocate for Children

- Investigates child abuse and neglect cases in McLean County
- Submits investigative findings to the court with recommendations in the best interest of the child
- Manages working with multiple agencies and parties simultaneously

Liangcheng Yang

Department of Health Sciences Environmental Health and Sustainability Program, Department of
Agriculture, Illinois State University

Phone: (b) (6)

EDUCATION

Ph.D. 2013 **University of Illinois at Urbana-Champaign**, Bioenvironmental Engineering
M.S. 2009 **University of Tennessee, Knoxville**, Environmental Engineering
B.S. 2005 **Zhejiang University**, Environmental Science and Engineering

RESEARCH AND PROFESSIONAL EXPERIENCE

08/20–present **Associate Professor**, Illinois State University
08/14–08/20 **Assistant Professor**, Illinois State University
10/13–08/14 **Postdoctoral Research Associate**, The Ohio State University
08/09–08/13 **Research Assistant**, University of Illinois at Urbana-Champaign
08/07–07/09 **Research Assistant**, University of Tennessee, Knoxville

PROFESSIONAL ACTIVITIES

- Chair, Program & Education Committee, Illinois Environmental Health Ass. 2018-present.
- Member, American Society of Agricultural and Biological Engineers (ASABE) technical section: PAFS-50 Environmental Air Quality, 2012 -present.
- Member, Illinois State University Water Center Advisory Committee, 2016–present.
- Member, Illinois State University Intellectual Property Committee, 2018–present.
- Member, CAST College Research Committee, 2019–present.

HONORS & AWARDS

- College of Applied Science and Technology Outstanding Teacher Award (pre-tenure category). Illinois State University. 2019.
- Illinois State University Research Initiative Award. 2017
- College of Applied Science and Technology Outstanding Researcher Award (pre-tenure category). Illinois State University. 2017.
- Boyd-Scott Graduate Research Award–Ph.D. Dissertation Competition Award, First Place, International Annual ASABE (American Society of Agricultural and Biological Engineers) Conference. July, 2013, Kansas City, Missouri.
- Student Paper Award, First Place, Association of Overseas Chinese Agricultural, Biological, and Food Engineers. July, 2013, Kansas City, Missouri.

RESEARCH AREA

Air quality and pollution control, Waste management, Bioenergy, Occupational health

GRANTS RECEIVED (selected examples)

1. D. Kopsell and L. Yang. 2020. Research and education capacity building for anaerobic digestion of agricultural wastes. USDA-NLGCA. \$149,986.
2. L. Yang. 2020. Test the filtration efficiency of N95 masks recovered using an electrostatic charging device. F.N. Smith. \$19,150.
3. Jin Jo, L. Yang, D. Loomis, M. Aldeman, and E. Goroy. 2020. Developing a multi-dimensional assessment framework to support the sustainability of utility-scale renewable energy systems. Scott M. Elliott Cross-Disciplinary Pilot Program. \$15,000.
4. L. Yang. 2019. Optimization of a cartridge design anaerobic digester for biogas production. Illinois

State University-University Research Grant. \$5,000.

5. S. Chen, L. Yang, G. Jin, T. Bierma. 2018. Modeling phosphorus pricing and its effects on the economic feasibility of nutrients recovery from waste waters. Scott M. Elliott Cross-Disciplinary Pilot Program. \$15,000.
6. L. Yang. 2017. Development of an integrated biogas cleaning method. Illinois State University-University Research Grant. \$5,000.
7. L. Yang. 2016. Development of a novel anaerobic digestion system with stable biogas production and no liquid waste generation. Illinois State University Cross-disciplinary Grant Development Grant. \$15,000.
8. L. Yang. 2016. Micro-aeration for hydrogen sulfide removal in recirculating anaerobic digestion system. Illinois State University-University Research Grant. \$5,000.
9. T. Bierma, L. Yang, G. Jin, and D. Kopsell. 2015. Integrated pilot-scale anaerobic digestion on ISU farm. Proposal was accepted, but the funding is still in the pending status due to state budget cut. Illinois EPA. \$1,000,000.
10. L. Yang. 2015. Recovery of failed solid-state anaerobic digesters using a partial mixing method. Illinois State University-University Research Grant. \$5,000.

PUBLICATIONS (last four years)

1. Yang, L., D. Kopsell, A. Kottke, and M. Johnson. 2017. Development of a cartridge design anaerobic digestion system for lignocellulosic biomass. *Biosystems Engineering*. 160: 134-139. doi: 10.1016/j.biosystemseng.2017.05.004
2. Zheng, Z., L. Yang, X. Wang, and R. Gates. 2017. Impedance-based moisture content sensor assessment for gas-phase biofilter media. *Transactions of the ASABE*. 60(6): 2163-2173. doi: 10.13031/trans.12335.
3. Q. Jin, L. Yang, N. Poe, H. Huang. 2018. Integrated processing of plant-derived waste to produce value-added products based on the biorefinery concept. *Trends in Food Science & Technology*. 74: 119–131. doi.org/10.1016/j.tifs.2018.02.014
4. F. Xu, Y. Li, X. Ge, L. Yang, and Y. Li. 2018. Anaerobic digestion of food waste – Challenges and opportunities. *Bioresource Technology*. 247: 1047-1058. doi: 10.1016/j.biortech.2017.09.020
5. Y. Wang, L. Yang, and Y. Li. 2019. Comparison of singular, binary, and ternary mixing of feedstocks for anaerobic digestion. *Environmental Technology*. doi.org/10.1080/09593330.2019.1627424.
6. L. Yang and S. Corsolini. 2019. A case study on converting organic farm waste vegetables to biogas using a cartridge design anaerobic digester. *Applied Biochemistry and Biotechnology*. doi: 10.1007/s12010-019-03034-w.
7. L. Yang and S. Corsolini. 2019. Online removal of volatile siloxanes in solid-state anaerobic digester biogas using a biofilter and an activated carbon filter. *Journal of Environmental Chemical Engineering*. <https://doi.org/10.1016/j.jece.2019.103284>.
8. X. Kong, S. Ying, L. Yang, et al. 2020. Microbial and isotopomer analysis of N₂O generation pathways in ammonia removal biofilters. *Chemosphere*. 251:126357. doi: 10.1016/j.chemosphere.2020.126357.
9. Yang, L., T. Moran, and L. Han. 2021. Comparison of operating methods in cartridge anaerobic digestion of corn stover. *BioEnergy Research*. doi.org/10.1007/s12155-021-10252-w.
10. Z. Zheng, K. Fiddes, and L. Yang. 2021. A narrative review on environmental impacts of cannabis cultivation. *Journal of Cannabis Research* 3 (1), 1-1.

Total **41** peer-reviewed journal publications.

<https://scholar.google.com/citations?user=kP36RdYAAAAJ&hl=en>

Alicia B. Wodika, Ph.D., CHES

Department of Health Sciences, Health Promotion and Education

(b) (6)

EDUCATION

Ph.D. 2013 Southern Illinois University Carbondale, Health Education
M.S. 2009 Western Illinois University, Biological Sciences
B.A. 2005 Aurora University, Biological Sciences

PROFESSIONAL EXPERIENCE

08/18-present Assistant Professor, Illinois State University
08/15 – 05/18 Assistant Professor, Truman State University
08/13 – 08/15 Temporary Assistant Professor, Truman State University
08/10 – 08/13 Teaching Assistant, Southern Illinois University
07/09 – 08/10 Research Assistant, Southern Illinois University

HONORS AND AWARDS

ISU Athletic MVP Award, Fall 2021
ISU Impact Award, Spring 2021
Truman State University Faculty Fellow for Civic Engagement and Service Learning (2016, 2017)
Truman State University Educator of the Year, Finalist (2015, 2016, 2018)
Southern Illinois University Carbondale, College of Education and Human Services Graduate Teaching Assistant of the Year (2012)
Southern Illinois University Carbondale, Dissertation Research Assistant Award (2012)
SIUC Nominee for MAGS Excellence in Teaching Award (2012)
Southern Illinois University Carbondale, Donald N. Boydston Graduate Scholarship (2011)
Phi Kappa Phi (2011)

RESEARCH INTERESTS

Climate change literacy and communication, public health prevention techniques, health disparities, teaching excellence, student engagement techniques

GRANTS RECEIVED

2019 Wodika, A. & Lanier, J. Reduce and Recycle: An evaluation of school recycling systems in District 87, Illinois Prairie Community Foundation, **\$2,620, partially funded, \$500.**
2017 Wodika, A. Missouri Campus Compact Mini-Grant, International Education Week: Culture, Education, Awareness, and Global Health. **\$499.01, Funded.**
2015 Wodika, A. Brandt, L., & Clark, J. NSF-SENCER Post Institute Implementation Award Information, **\$3,000. Funded.**

INTERNAL RESEARCH SUPPORT AND GRANTS

2020 Lemp, H. Lanier, J., & Wodika, A. Qualitative Study Exploring Impacts of Food Insecurity Among College Students. Illinois State University, Undergraduate Research Support Program, **\$2,500. Funded.**

Wodika, A. Wellness packs for ISU students. Community Engagement Learning Grant, Illinois State University, Center for Teaching, Learning, and Technology. **\$292.00 Funded.**

2019 Gin, G., Wodika, A., Lai, J., & Cihlar, J. Science literacy for general education at ISU: A pilot study with HSC 156: Environmental Health in the 21st century. Scholarship of Teaching and Learning University Research Grant (URG), **\$4550.00, Funded.**

Wodika, A. Reduce and Recycle: How does the school's messages impact the home environment? A photovoice study. Illinois State University, University Research Grant, **\$4,988.10, Funded.**

2018 Wodika, A. Illinois State University, Professional Development Funds for travel to the 15th International Congress of Qualitative Inquiry. **\$643.00, Funded.**

2015 Jones, M., Wodika, A., & Daley-Moore, N. Perceptions of Sexual Consent and Alcohol Consumption among College Students. SHES Mini Grant, Truman State University. **\$330, Funded.**

PUBLICATIONS

Wodika, A., Lanier, J. & Schalasky, G. Making Connections: Capturing Sustainable Awareness through Photovoice. *Environmental Education Research*, Submitted Dec. 2021, R&R.

Jin, G. Darner, R. **Wodika, A.** Fostering Scientific Literacy with Problem Sets that Generate Cognitive Presence and Fulfill Basic Psychological Needs. *Journal of College Science Teaching*. Accepted for publication on Oct 18, 2021, will be published within 18 months.

Weemer, M. & **Wodika, A.** Social emotional learning and preservice teachers: Assessing perceived knowledge, benefit, confidence, and competence. *The Journal for Research and Practice in College Teaching*, R&R December 2021.

Weemer, M. **Wodika, A.,** Lanier, J. & Bazan, C. (Fall 2021). Using the WSCC Model to address Covid-19: A call to action for Health and Physical Educators, *IAHPERD Illinois Journal*.

Lanier, J. and **Wodika, A.** (2020). Service based learning as a tool to develop undergraduate skills in needs assessment. *Journal of Health Education Teaching*, 11(1): 33-42.

Wodika, A. and Middleton, W. (2020). Climate change advocacy: Exploring the links between student empowerment and civic engagement. *International Journal of Sustainability in Higher Education*. DOI: 10.1108/IJSHE-03-2020-0091

Wodika, A. & Rhodes, D (2019). Teaching program planning and evaluation: Measuring acquired skills of alumni in health education settings. *Journal of Health Education Teaching*, 10(1)-1-13.

Wodika, A. (2019). Local to global: Civic engagement with education, awareness, and global health. *Science Education and Civic Engagement: An International Journal*, 11(1), 44-49.

Willis, M. Hunt, M., **Wodika, A.,** Rhodes, D., Goodman, J. & Jozkowski, J. (2019). Explicit verbal sexual consent communication: Effects of gender, relationship status, and type of sexual behavior. *International Journal of Sex Research*, 31(1), 67-70. DOI: 10.1080/19317611.2019.1565793.

Wodika, A. & Schoof, J. (2017). Assessing climate change education on a Midwestern college campus. *Applied Environmental Education and Communication*, 1-14.

Ratnapradipa, D., Brown, S.L., Middleton, W.K., & **Wodika, A.B.** (2011). Measuring environmental health perception among college students. *The Health Educator*, 43(2), 13-20.

Ratnapradipa, D., Brown, S.L., & **Wodika, A.B.** (2011). Examining the breadth and depth of environmental health through a modified Delphi technique. *American Journal of Health Education*, 42(1), 50-57.

Ratnapradipa, D., Getz, T., Zarcadoolas, C., Panzara, A., Esposito, V., **Wodika, A.,** Caron, C., Migliore, B., Quilliam, D. (2010). Environmental health risk communication: Assessing levels of fish consumption literacy among selected Southeast Asians. *Journal of Applied Environmental Education and Communication*, 9(4), 251-261.